

**NETWORK USAGE ANALYSIS SYSTEM AND METHOD FOR  
UPDATING STATISTICAL MODELS OVER A ROLLING TIME  
INTERVAL**

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**Abstract of the Disclosure**

In one embodiment, the present invention provides a system and method  
for analyzing a stream of network data. The method includes generating a  
statistical model from a set of record events. A most recent record event is  
received. The statistical model is updated using the most recent record event by  
10 adding the most recent record event to the statistical model.